

RÃ©my Rochette

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,444
citations

393982

19
h-index

344852

36
g-index

49
all docs

49
docs citations

49
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>RAD</sc> genotyping reveals fine-scale genetic structuring and provides powerful population assignment in a widely distributed marine species, the <sc>A</sc>merican lobster (<i>H</i>omarus americanus</i>). Molecular Ecology, 2015, 24, 3299-3315.	2.0	239
2	Seascape genomics provides evidence for thermal adaptation and current-mediated population structure in American lobster (<i>Homarus americanus</i>). Molecular Ecology, 2016, 25, 5073-5092.	2.0	148
3	Invasion of the southern Gulf of St. Lawrence by the clubbed tunicate (<i>Styela clava</i> Herdman): Potential mechanisms for invasions of Prince Edward Island estuaries. Journal of Experimental Marine Biology and Ecology, 2007, 342, 69-77.	0.7	92
4	Direct determination of age in shrimps, crabs, and lobsters. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1728-1733.	0.7	87
5	Mortality, behavior and the effects of predators on the intertidal distribution of littorinid gastropods. Journal of Experimental Marine Biology and Ecology, 2000, 253, 165-191.	0.7	79
6	Copy number variants outperform SNPs to reveal genotype-temperature association in a marine species. Molecular Ecology, 2020, 29, 4765-4782.	2.0	67
7	Mechanism of a plastic phenotypic response: predator-induced shell thickening in the intertidal gastropod <i>Littorina obtusata</i> . Journal of Evolutionary Biology, 2007, 20, 1015-1027.	0.8	64
8	Chemically-mediated predator-recognition learning in a marine gastropod. Ecoscience, 1998, 5, 353-360.	0.6	49
9	Effect of temperature on development rate of larvae from cold-water American lobster (<i>Homarus</i>) Tj ETQq1 1 0.784314 rgBT /Overload	0.3	43
10	Comparing Pool-seq, Rapture, and GBS genotyping for inferring weak population structure: The American lobster (<i>Homarus americanus</i>) as a case study. Ecology and Evolution, 2019, 9, 6606-6623.	0.8	37
11	Does vulnerability influence trade-offs made by whelks between predation risk and feeding opportunities?. Animal Behaviour, 1996, 52, 783-794.	0.8	34
12	A field test of threat sensitivity in a marine gastropod. Animal Behaviour, 1997, 54, 1053-1062.	0.8	33
13	Aggregation of whelks, <i>Buccinum undatum</i> , near feeding predators: the role of reproductive requirements. Animal Behaviour, 2001, 61, 31-41.	0.8	32
14	DIFFERENTIAL SNAIL PREDATION BY AN EXOTIC CRAB AND THE GEOGRAPHY OF SHELL-CLAW COVARIANCE IN THE NORTHWEST ATLANTIC. Evolution; International Journal of Organic Evolution, 2008, 62, 1216-1228.	1.1	32
15	The geography and bathymetry of American lobster benthic recruitment as measured by diver-based suction sampling and passive collectors. Marine Biology Research, 2013, 9, 42-58.	0.3	30
16	A flexible response to a major predator provides the whelk <i>Buccinum undatum</i> L. with nutritional gains. Journal of Experimental Marine Biology and Ecology, 1995, 185, 167-180.	0.7	25
17	Prey-induced changes to a predator's behaviour and morphology: Implications for shell-claw covariance in the northwest Atlantic. Journal of Experimental Marine Biology and Ecology, 2009, 382, 1-7.	0.7	24
18	Female American lobster (<i>Homarus americanus</i>) size-at-maturity declined in Canada during the 20th and early 21st centuries. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 908-924.	0.7	22

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19	Potential effect of variation in water temperature on development time of American lobster larvae. ICES Journal of Marine Science, 2015, 72, i79-i90.	1.2	21
20	Trade-off between mating and predation risk in the marine snail, <i>Littorina plena</i> . Invertebrate Biology, 2007, 126, 257-267.	0.3	20
21	Potential connectivity among American lobster fisheries as a result of larval drift across the species's range in eastern North America. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 1549-1563.	0.7	19
22	Interpopulation and context-related differences in responses of a marine gastropod to predation risk. Animal Behaviour, 1999, 57, 977-987.	0.8	17
23	Circatidal rhythm of free-roaming sub-tidal green crabs, <i>Carcinus maenas</i> , revealed by radio-acoustic positional telemetry. Crustaceana, 2007, 80, 345-355.	0.1	17
24	Predation by green crab and sand shrimp on settling and recently settled American lobster postlarvae. Journal of Crustacean Biology, 2013, 33, 10-14.	0.3	16
25	The effect of life-history variation on the population size structure of a rocky intertidal snail (<i>Littorina sitkana</i>). Journal of Sea Research, 2003, 49, 119-132.	0.6	15
26	On Theory in Ecology: Another Perspective. BioScience, 2015, 65, 341-342.	2.2	15
27	Spatial overlap and interaction between sub-adult American lobsters, <i>Homarus americanus</i> , and the invasive European green crab <i>Carcinus maenas</i> . Journal of Experimental Marine Biology and Ecology, 2009, 369, 127-135.	0.7	14
28	Effect of light and substratum complexity on microhabitat selection and activity of the ophiuroid <i>Ophiopholis aculeata</i> . Journal of Experimental Marine Biology and Ecology, 2004, 313, 139-154.	0.7	13
29	The effect of geographic origin on interactions between adult invasive green crabs <i>Carcinus maenas</i> and juvenile American lobsters <i>Homarus americanus</i> in Atlantic Canada. Journal of Experimental Marine Biology and Ecology, 2012, 422-423, 88-100.	0.7	13
30	Size-at-age and body condition of juvenile American lobsters (<i>Homarus americanus</i>) living on cobble and mud in a mixed-bottom embayment in the Bay of Fundy. Marine Biology, 2015, 162, 69-79.	0.7	13
31	Does claw morphology of the green crab <i>Carcinus maenas</i> vary in relation to its diet on rocky versus fine-sediment shores of southwest New Brunswick, Bay of Fundy, Canada?. Journal of Experimental Marine Biology and Ecology, 2015, 465, 121-129.	0.7	12
32	Is water temperature responsible for geographic variation in shell mass of <i>Littorina obtusata</i> (L.) snails in the Gulf of Maine?. Journal of Experimental Marine Biology and Ecology, 2010, 394, 98-104.	0.7	11
33	The Lobster Node of the CFRN: co-constructed and collaborative research on productivity, stock structure, and connectivity in the American lobster (<i>Homarus americanus</i>). Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 813-824.	0.7	10
34	Effect of background substrate on recruitment of benthic marine invertebrates to subtidal cobble-filled collectors. Marine Biology, 2015, 162, 1849-1863.	0.7	8
35	Evidence for genotypic differentiation between marine snails (<i>Littorina sitkana</i>) from the upper- and lower-intertidal zone in Bamfield Inlet (British Columbia, Canada). Journal of Experimental Marine Biology and Ecology, 2014, 461, 389-396.	0.7	7
36	Light traps as a tool to sample pelagic larvae of American lobster (<i>Homarus americanus</i>). Journal of Crustacean Biology, 2014, 34, 182-188.	0.3	6

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37	Patchiness in American lobster benthic recruitment at a hierarchy of spatial scales. ICES Journal of Marine Science, 2016, 73, 394-404.	1.2	6
38	Stock structure and connectivity of the American lobster (<i>Homarus americanus</i>) in the southern Gulf of St. Lawrence: Do benthic movements matter?. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 2096-2108.	0.7	6
39	Ontogenetic changes in movement patterns and activity levels of American lobsters (<i>Homarus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Ecology, 2018, 505, 12-23.	0.7	6
40	Spatio-temporal patterns and reproductive costs of abnormal clutches of female American lobster, <i>Homarus americanus</i> , in eastern Canada. ICES Journal of Marine Science, 2018, 75, 2045-2059.	1.2	6
41	Early spring egg hatching by the American lobster (<i>Homarus americanus</i>) linked to rising water temperature in autumn. ICES Journal of Marine Science, 2020, 77, 1685-1697.	1.2	6
42	Mechanisms of species coexistence: a field test of theoretical models using intertidal snails. Oikos, 2004, 105, 512-524.	1.2	4
43	Using temperature-dependent embryonic growth models to predict time of hatch of American lobster (<i>Homarus americanus</i>) in nature. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 1483-1492.	0.7	4
44	Evidence that mud seafloor serves as recruitment habitat for settling and early benthic phase of the American lobster <i>Homarus americanus</i> H. Milne Edwards, 1837 (Decapoda: Astacidea: Nephropidae). Journal of Crustacean Biology, 2019, 39, 594-601.	0.3	4
45	Role of gamete limitation in the occurrence of "abnormal early clutches" on female American lobster, <i>Homarus americanus</i> , in eastern Canada. Marine Biology, 2019, 166, 1.	0.7	4
46	The American Lobster in a Changing Ecosystem: A US-Canada Science Symposium, 27-30 November 2012, Portland, Maine. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1571-1575.	0.7	2
47	Spatial patterns of richness and abundance of benthic decapod crustaceans and fishes in the North-west Atlantic as measured by cobble-filled bio-collectors. Marine Biology Research, 2017, 13, 707-725.	0.3	2
48	An arithmetic correction for the effect of lipid on carbon stable isotope ratios in muscle and digestive glands of the American lobster (<i>Homarus americanus</i>). Rapid Communications in Mass Spectrometry, 2021, 35, e9204.	0.7	2